

SYSTEM AND METHOD PROVIDING A SPATIAL LOCATION CONTEXT**ABSTRACT**

A software and hardware architecture operating across a local or wide area
5 network providing an integral spatial location context. Such spatial location contexts
form the foundation for location-enabled systems and transactions by integrating an
extensible plurality of spatial and time reference systems and encodings; an accurate and
precise metadata model; persistent identification; and a flexible digital security model.
This application also teaches the use of such location-enabled systems and transactions to
10 create methods and systems for automation, transaction processing, integration, and
exchange of spatially relevant information over a communications network like the
Internet.

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